

Application No.
Amendment Dated
Reply to Office Action of

10/556,227
January 15, 2009
August 15, 2008

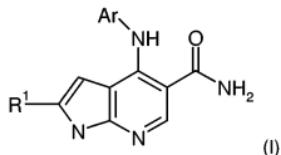
AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims

1-11. (Cancelled)

12. (Currently amended) A compound of formula (I):



wherein:

Ar is phenyl which can be optionally substituted by one or more groups selected from halogen, hydroxy, cyano, C₁-C₈ alkyl (itself optionally substituted by one or more hydroxy or cyano groups or fluorine atoms), CH₂-R², CH₂O(CH₂)_nOC₁₋₆ alkyl, C₁-C₈ alkyl-NR³-R⁴;

R² is a 5 to 7-membered saturated ring containing 1 or 2 heteroatoms selected from nitrogen, oxygen and sulphur, an aryl or 5- to 7-membered heteroaryl group containing 1 to 3 heteroatoms selected from nitrogen oxygen and sulphur, each of which can optionally substituted by one or more substituents selected from hydroxyl or hydroxymethyl;

R³ is hydrogen or C₁₋₆ alkyl and R⁴ is C₁₋₆ alkyl optionally substituted by one or more groups selected from hydroxyl or phenyl,

n is 1 to 4;

R¹ is hydrogen or phenyl optionally substituted by halogen, C₁-C₈ alkoxy, C₁-C₈ thioalkyl or C₁-C₈ alkyl;

and/or a pharmaceutically acceptable salt thereof.

13. (Previously presented) A compound according to claim 12 in which R¹ is hydrogen.
14. (Previously presented) A compound according to claim 12 in which Ar is a phenyl optionally substituted by one or more CH₂R² groups, where R² is pyrrolidine, morpholine or imidazole each of which is optionally substituted as defined in claim 12.
15. (Previously presented) A compound according to claim 12 in which Ar is a phenyl optionally substituted by one or more CH₂R² groups where R² is pyrrolidine, morpholine or imidazole each of which is optionally substituted by hydroxyl or hydroxymethyl, or Ar is a phenyl optionally substituted by one or more CH₂NR³-R⁴ groups where R³ is hydrogen or methyl and R⁴ is CH₂CH₂OH, CH₂(CH₃)CH₂OH, CH₂(phenyl)CH₂OH, CH₂CH₂(OH)phenyl, CH₂CH₂(OH)CH₂OH, or Ar is a phenyl optionally substituted by one or more CH₂OCH₂CH₂OCH₂OH groups, or Ar is a phenyl optionally substituted by one or more ethyl or hydroxymethyl groups.
16. (Previously presented) A compound according to claim 12 in which the Ar is phenyl substituted by C₁-C₈ alkyl and C₁-C₈ alkyl substituted by a hydroxy group.
17. (Original) A compound according to claim 12 which is:
4-(2-Ethyl-phenylamino)-2-(4-fluorophenyl)-1*H*-pyrrolo[2,3-*b*]pyridine-5-carboxylic acid amide
4-(2-Ethyl-3-hydroxymethyl-phenylamino)-2-(4-fluorophenyl)-1*H*-pyrrolo[2,3-*b*]pyridine-5-carboxylic acid amide
4-(2-Ethyl-3-[(2-hydroxy-ethylamino)-methyl]-phenylamino)-2-(4-fluoro-phenyl)-1*H*-pyrrolo[2,3-*b*]pyridine-5-carboxylic acid amide
4-(2-Ethyl-3-[(2-hydroxy-ethyl)-methyl-amino]-methyl)-phenylamino)-2-(4-fluoro-phenyl)-1*H*-pyrrolo[2,3-*b*]pyridine-5-carboxylic acid amide
4-(2-Ethyl-3-[(2-hydroxy-1-methyl-ethylamino)-methyl]-phenylamino)-2-(4-fluoro-phenyl)-1*H*-pyrrolo[2,3-*b*]pyridine-5-carboxylic acid amide

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4-(2-Ethyl-3-[(*S*)-(2-hydroxy-1-phenyl-ethylamino)-methyl]-phenylamino)-2-(4-fluoro-phenyl)-1*H*-pyrrolo[2,3-*b*]pyridine-5-carboxylic acid amide

4-(2-Ethyl-3-[(2-hydroxy-2-phenyl-ethylamino)-methyl]-phenylamino)-2-(4-fluoro-phenyl)-1*H*-pyrrolo[2,3-*b*]pyridine-5-carboxylic acid amide

4-(2-Ethyl-3-morpholin-4-ylmethyl-phenylamino)-2-(4-fluoro-phenyl)-1*H*-pyrrolo[2,3-*b*]pyridine-5-carboxylic acid amide

4-[2-Ethyl-3-(3-hydroxy-pyrrolidin-1-ylmethyl)-phenylamino]-2-(4-fluoro-phenyl)-1*H*-pyrrolo[2,3-*b*]pyridine-5-carboxylic acid amide

4-[2-Ethyl-3-((*R*)-2-hydroxymethyl-pyrrolidin-1-ylmethyl)-phenylamino]-2-(4-fluoro-phenyl)-1*H*-pyrrolo[2,3-*b*]pyridine-5-carboxylic acid amide

4-[3-[(2,3-Dihydroxy-propylamino)-methyl]-2-ethyl-phenylamino]-2-(4-fluoro-phenyl)-1*H*-pyrrolo[2,3-*b*]pyridine-5-carboxylic acid amide

4-(2-Ethyl-3-imidazol-1-ylmethyl-phenylamino)-2-(4-fluoro-phenyl)-1*H*-pyrrolo[2,3-*b*]pyridine-5-carboxylic acid amide

4-[3-(2-Ethoxy-ethoxymethyl)-2-ethyl-phenylamino]-2-(4-fluoro-phenyl)-1*H*-pyrrolo[2,3-*b*]pyridine-5-carboxylic acid amide

2-(4-Bromo-phenyl)-4-(2-ethyl-phenylamino)-1*H*-pyrrolo[2,3-*b*]pyridine-5-carboxylic acid amide

4-(2-Ethyl-phenylamino)-2-phenyl-1*H*-pyrrolo[2,3-*b*]pyridine-5-carboxylic acid amide

4-(2-Ethyl-3-hydroxymethyl-phenylamino)-2-phenyl-1*H*-pyrrolo[2,3-*b*]pyridine-5-carboxylic acid amide

2-(4-Chloro-phenyl)-4-(2-ethyl-3-hydroxymethyl-phenylamino)-1*H*-pyrrolo[2,3-*b*]pyridine-5-carboxylic acid amide

2-(4-Chloro-phenyl)-4-(2-ethyl-3-imidazol-1-ylmethyl-phenylamino)-1*H*-pyrrolo[2,3-*b*]pyridine-5-carboxylic acid amide

4-(2-Ethyl-phenylamino)-1*H*-pyrrolo[2,3-*b*]pyridine-5-carboxylic acid amide
or a pharmaceutically acceptable salt thereof.

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18. (Cancelled)

19. (Previously presented) A pharmaceutical composition comprising a compound of formula (I) as defined in claim 12 or a pharmaceutically acceptable salt thereof in association with a pharmaceutically acceptable carrier.

20. (Previously presented) A method of treating asthma mediated by JAK3 which comprises administering to a patient in need of such treatment an effective amount of a compound of formula (I) as defined in claims 12 or a pharmaceutically acceptable salt thereof.

21. (Cancelled)

22. (Cancelled)

23. (Previously presented) A compound according to claim 12 in which R¹ is hydrogen or phenyl optionally substituted by fluoro or bromo.

24. (Previously presented) A compound according to claim 12 in which the Ar is phenyl substituted by C₁-C₈ alkyl and hydroxymethyl.